

Electronic Acknowledgement Receipt

EFS ID:	2881554
Application Number:	10619796
International Application Number:	
Confirmation Number:	7886
Title of Invention:	Sparse and efficient block factorization for interaction data
First Named Inventor/Applicant Name:	Francis X. Canning
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Filer:	Lee W. Henderson/Segovia Phan
Filer Authorized By:	Lee W. Henderson
Attorney Docket Number:	CANNING.001CP2
Receipt Date:	19-FEB-2008
Filing Date:	15-JUL-2003
Time Stamp:	18:55:30
Application Type:	Utility under 35 USC 111(a)

Payment information:

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Payment Type	Credit Card
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File Listing:					
Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Miscellaneous Incoming Letter	Transmittal_CANNING-001CP2.pdf	64330	no	2
			731c1df438c9c7db3275a1c9a42da96e51a3422a		
Warnings:					
Information:					
2		Amendment_CANNING-001CP2.pdf	810109	yes	16
			71388c5ab8904731336bcab7c0018aef0f726c94		
	Multipart Description/PDF files in .zip description				
	Document Description		Start	End	
	Amendment - After Non-Final Rejection		1	1	
	Claims		2	7	
	Applicant Arguments/Remarks Made in an Amendment		8	16	
Warnings:					
Information:					
3	Information Disclosure Statement Letter	IDS_CANNING-001CP2.pdf	104613	no	3
			3abcf65890599ea6ce71232395a9518b41e6268a		
Warnings:					
Information:					
4	NPL Documents	NPL_CANNING-001A.pdf	318923	no	6
			bdebf8848a2cddb6580926bdc784060e4f1aa535		
Warnings:					
Information:					
5	Fee Worksheet (PTO-06)	fee-info.pdf	8328	no	2
			7419fe4f119db60a9dbb5611979d8a9bf970525f7		
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Information:					
Total Files Size (in bytes):			1306303		

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If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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